

(2) The board of directors shall make certain that the systemically important derivatives clearing organization's or subpart C derivatives clearing organization's design, rules, overall strategy, and major decisions appropriately reflect the legitimate interests of clearing members, customers of clearing members, and other relevant stakeholders.

(3) To an extent consistent with other statutory and regulatory requirements on confidentiality and disclosure:

(i) Major decisions of the board of directors should be clearly disclosed to clearing members, other relevant stakeholders, and to the Commission; and

(ii) Major decisions of the board of directors having a broad market impact should be clearly disclosed to the public;

(b) *Governance arrangements.* Each systemically important derivatives clearing organization and subpart C derivatives clearing organization shall have governance arrangements that:

(1) Are clear and documented;

(2) To an extent consistent with other statutory and regulatory requirements on confidentiality and disclosure, are disclosed, as appropriate, to the Commission and to other relevant authorities, to clearing members and to customers of clearing members, to the owners of the systemically important derivatives clearing organization or subpart C derivatives clearing organization, and to the public;

(3) Describe the structure pursuant to which the board of directors, committees, and management operate;

(4) Include clear and direct lines of responsibility and accountability;

(5) Clearly specify the roles and responsibilities of the board of directors and its committees, including the establishment of a clear and documented risk management framework;

(6) Clearly specify the roles and responsibilities of management;

(7) Describe procedures for identifying, addressing, and managing conflicts of interest involving members of the board of directors;

(8) Describe procedures pursuant to which the board of directors oversees the chief risk officer, risk management

committee, and material risk decisions;

(9) Assign responsibility and accountability for risk decisions, including in crises and emergencies; and

(10) Assign responsibility for implementing the:

(i) Default rules and procedures required by §§ 39.16 and 39.35;

(ii) System safeguard rules and procedures required by §§ 39.18 and 39.34; and

(iii) Recovery and wind-down plans required by § 39.39.

(c) *Fitness standards for board of directors and management.* Each systemically important derivatives clearing organization and subpart C derivatives clearing organization shall maintain policies to make certain that:

(1) The board of directors consists of suitable individuals having appropriate skills and incentives;

(2) The board of directors includes individuals who are not executives, officers or employees of the systemically important derivatives clearing organization or subpart C derivatives clearing organization or an affiliate thereof;

(3) The performance of the board of directors and the performance of individual directors are reviewed on a regular basis;

(4) Managers have the appropriate experience, skills, and integrity necessary to discharge operational and risk management responsibilities; and

(5) Risk management and internal control personnel have sufficient independence, authority, resources, and access to the board of directors so that the operations of the systemically important derivatives clearing organization or subpart C derivatives clearing organization are consistent with the risk management framework established by the board of directors.

§ 39.33 Financial resources requirements for systemically important derivatives clearing organizations and subpart C derivatives clearing organizations.

(a) *General rule.* (1) Notwithstanding the requirements of § 39.11(a)(1), each systemically important derivatives clearing organization and subpart C derivatives clearing organization that, in either case, is systemically important in multiple jurisdictions or is involved

in activities with a more complex risk profile shall maintain financial resources sufficient to enable it to meet its financial obligations to its clearing members notwithstanding a default by the two clearing members creating the largest combined loss to the derivatives clearing organization in extreme but plausible market conditions.

(2) The Commission shall, if it deems appropriate, determine whether a systemically important derivatives clearing organization or subpart C derivatives clearing organization is systemically important in multiple jurisdictions. In determining whether a systemically important derivatives clearing organization or subpart C derivatives clearing organization is systemically important in multiple jurisdictions, the Commission shall consider whether the derivatives clearing organization:

(i) Is a systemically important derivatives clearing organization, as defined by § 39.2; or

(ii) Has been determined to be systemically important by one or more jurisdictions other than the United States pursuant to a designation process that considers whether the foreseeable effects of a failure or disruption of the derivatives clearing organization could threaten the stability of each relevant jurisdiction's financial system.

(3) The Commission shall, if it deems appropriate, determine whether any of the activities of a systemically important derivatives clearing organization or a subpart C derivatives clearing organization, in addition to clearing credit default swaps, credit default futures, and any derivatives that reference either credit default swaps or credit default futures, has a more complex risk profile. In determining whether an activity has a more complex risk profile, the Commission will consider characteristics such as discrete jump-to-default price changes or high correlations with potential participant defaults as factors supporting (though not necessary for) a finding of a more complex risk profile.

(4) For purposes of this section, if a clearing member controls another clearing member or is under common control with another clearing member, such affiliated clearing members shall

be deemed to be a single clearing member.

(b) *Valuation of financial resources.* Notwithstanding the provisions of § 39.11(d)(2), assessments for additional guaranty fund contributions (*i.e.*, guaranty fund contributions that are not pre-funded) shall not be included in calculating the financial resources available to meet a systemically important derivatives clearing organization's or subpart C derivatives clearing organization's obligations under paragraph (a) of this section or § 39.11(a)(1).

(c) *Liquidity resources*—(1) *Minimum amount of liquidity resources.* (i) Notwithstanding the provisions of § 39.11(e)(1)(ii), each systemically important derivatives clearing organization and subpart C derivatives clearing organization shall maintain eligible liquidity resources that, at a minimum, will enable it to meet its intraday, same-day, and multiday obligations to perform settlements, as defined in § 39.14(a)(1), with a high degree of confidence under a wide range of stress scenarios that should include, but not be limited to, a default by the clearing member creating the largest aggregate liquidity obligation for the systemically important derivatives clearing organization or subpart C derivatives clearing organization in extreme but plausible market conditions.

(ii) A systemically important derivatives clearing organization and subpart C derivatives clearing organization that is subject to § 39.33(a)(1) shall *consider* maintaining eligible liquidity resources that, at a minimum, will enable it to meet its intraday, same-day, and multiday obligations to perform settlements, as defined in § 39.14(a)(1), with a high degree of confidence under a wide range of stress scenarios that should include, but not be limited to, a default of the two clearing members creating the largest aggregate liquidity obligation for the systemically important derivatives clearing organization or subpart C derivatives clearing organization in extreme but plausible market conditions.

(2) *Satisfaction of settlement in all relevant currencies.* Each systemically important derivatives clearing organization and subpart C derivatives clearing organization shall maintain liquidity

resources that are sufficient to satisfy the obligations required by paragraph (c)(1) of this section in all relevant currencies for which the systemically important derivatives clearing organization or subpart C derivatives clearing organization has obligations to perform settlements, as defined in § 39.14(a)(1), to its clearing members.

(3) *Qualifying liquidity resources.* (i) Only the following liquidity resources are eligible for the purpose of meeting the requirement of paragraph (c)(1) of this section:

(A) Cash in the currency of the requisite obligations, held either at the central bank of issue or at a credit-worthy commercial bank;

(B) Committed lines of credit;

(C) Committed foreign exchange swaps;

(D) Committed repurchase agreements; or

(E) (I) Highly marketable collateral, including high quality, liquid, general obligations of a sovereign nation.

(2) The assets described in paragraph (c)(3)(i)(E)(I) of this section must be readily available and convertible into cash pursuant to prearranged and highly reliable funding arrangements, even in extreme but plausible market conditions.

(ii) With respect to the arrangements described in paragraph (c)(3)(i) of this section, the systemically important derivatives clearing organization or subpart C derivatives clearing organization must take appropriate steps to verify that such arrangements do not include material adverse change conditions and are enforceable, and will be highly reliable, in extreme but plausible market conditions.

(4) *Additional liquidity resources.* If a systemically important derivatives clearing organization or subpart C derivatives clearing organization maintains financial resources in addition to those required to satisfy paragraph (c)(1) of this section, then those resources should be in the form of assets that are likely to be saleable with proceeds available promptly or acceptable as collateral for lines of credit, swaps, or repurchase agreements on an *ad hoc* basis. A systemically important derivatives clearing organization or subpart C derivatives clearing organization

should consider maintaining collateral with low credit, liquidity, and market risks that is typically accepted by a central bank of issue for any currency in which it may have settlement obligations, but shall not assume the availability of emergency central bank credit as a part of its liquidity plan.

(d) *Liquidity providers.* (1) For the purposes of this paragraph, a liquidity provider means:

(i) A depository institution, a U.S. branch or agency of a foreign banking organization, a trust company, or a syndicate of depository institutions, U.S. branches or agencies of foreign banking organizations, or trust companies providing a line of credit, foreign exchange swap facility or repurchase facility to a systemically important derivatives clearing organization or subpart C derivatives clearing organization;

(ii) Any other counterparty relied upon by a systemically important derivatives clearing organization or subpart C derivatives clearing organization to meet its minimum liquidity resources requirement under paragraph (c) of this section.

(2) In fulfilling its obligations under paragraph (c) of this section, each systemically important derivatives clearing organization and subpart C derivatives clearing organization shall undertake due diligence to confirm that each of its liquidity providers, whether or not such liquidity provider is a clearing member, has:

(i) Sufficient information to understand and manage the liquidity provider's liquidity risks; and

(ii) The capacity to perform as required under its commitments to provide liquidity to the systemically important derivatives clearing organization or subpart C derivatives clearing organization.

(3) Where relevant to a liquidity provider's ability reliably to perform its commitments with respect to a particular currency, the systemically important derivatives clearing organization or subpart C derivatives clearing organization may take into account the liquidity provider's access to the central bank of issue of that currency.

(4) Each systemically important derivatives clearing organization and

subpart C derivatives clearing organization shall regularly test its procedures for accessing its liquidity resources under paragraph (c)(3)(i) of this section, including testing its arrangements under paragraph (c)(3)(ii) and its relevant liquidity provider(s) under paragraph (d)(1) of this section.

(e) *Documentation of financial resources and liquidity resources.* Each systemically important derivatives clearing organization and subpart C derivatives clearing organization shall document its supporting rationale for, and have appropriate governance arrangements relating to, the amount of total financial resources it maintains pursuant to paragraph (a) of this section and the amount of total liquidity resources it maintains pursuant to paragraph (c) of this section.

§ 39.34 System safeguards for systemically important derivatives clearing organizations and subpart C derivatives clearing organizations.

(a) Notwithstanding § 39.18(e)(3), the business continuity and disaster recovery plan described in § 39.18(e)(1) for each systemically important derivatives clearing organization and subpart C derivatives clearing organization shall have the objective of enabling, and the physical, technological, and personnel resources described in § 39.18(e)(1) shall be sufficient to enable, the systemically important derivatives clearing organization or subpart C derivatives clearing organization to recover its operations and resume daily processing, clearing, and settlement no later than two hours following the disruption, for any disruption including a wide-scale disruption.

(b) To facilitate its ability to achieve the recovery time objective specified in paragraph (a) of this section in the event of a wide-scale disruption, each systemically important derivatives clearing organization and subpart C derivatives clearing organization must maintain a degree of geographic dispersal of physical, technological and personnel resources consistent with the following for each activity necessary for the daily processing, clearing, and settlement of existing and new contracts:

(1) Physical and technological resources (including a secondary site), sufficient to enable the entity to meet the recovery time objective after interruption of normal clearing by a wide-scale disruption, must be located outside the relevant area of the physical and technological resources the systemically important derivatives clearing organization or subpart C derivatives clearing organization normally relies upon to conduct that activity, and must not rely on the same critical transportation, telecommunications, power, water, or other critical infrastructure components the entity normally relies upon for such activities;

(2) Personnel, who live and work outside that relevant area, sufficient to enable the entity to meet the recovery time objective after interruption of normal clearing by a wide-scale disruption affecting the relevant area in which the personnel the entity normally relies upon to engage in such activities are located;

(3) The provisions of § 39.18(f) shall apply to these resource requirements.

(c) Each systemically important derivatives clearing organization and subpart C derivatives clearing organization must conduct regular, periodic tests of its business continuity and disaster recovery plans and resources and its capacity to achieve the required recovery time objective in the event of a wide-scale disruption. The provisions of § 39.18(j) apply to such testing.

(d) The Commission may, upon request, grant an entity, which has been designated as a systemically important derivatives clearing organization or that has elected to become subject to subpart C, up to one year to comply with any provision of this section.

§ 39.35 Default rules and procedures for uncovered credit losses or liquidity shortfalls (recovery) for systemically important derivatives clearing organizations and subpart C derivatives clearing organizations.

(a) *Allocation of uncovered credit losses.* Each systemically important derivatives clearing organization and subpart C derivatives clearing organization shall adopt explicit rules and procedures that address fully any loss arising from any individual or combined